

## Accepted Manuscript

Title: Defect-Original Room-temperature Hydrogen Sensing of MoO<sub>3</sub> Nanoribbon: Experimental and Theoretical Studies

Authors: Shulin Yang, Zhao Wang, Yongming Hu, Yaxuan Cai, Rui Huang, Xiaokang Li, Zhongbing Huang, Zhigao Lan, Wanping Chen, Haoshuang Gu



PII: S0925-4005(17)32502-9  
DOI: <https://doi.org/10.1016/j.snb.2017.12.166>  
Reference: SNB 23854

To appear in: *Sensors and Actuators B*

Received date: 19-7-2017  
Revised date: 25-12-2017  
Accepted date: 26-12-2017

Please cite this article as: Shulin Yang, Zhao Wang, Yongming Hu, Yaxuan Cai, Rui Huang, Xiaokang Li, Zhongbing Huang, Zhigao Lan, Wanping Chen, Haoshuang Gu, Defect-Original Room-temperature Hydrogen Sensing of MoO<sub>3</sub> Nanoribbon: Experimental and Theoretical Studies, *Sensors and Actuators B: Chemical* <https://doi.org/10.1016/j.snb.2017.12.166>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

## Defect-Original Room-temperature Hydrogen Sensing of MoO<sub>3</sub>

### Nanoribbon: Experimental and Theoretical Studies

Shulin Yang<sup>a, b</sup>, Zhao Wang<sup>a, \*</sup>, Yongming Hu<sup>a</sup>, Yaxuan Cai<sup>a</sup>, Rui Huang<sup>a</sup>, Xiaokang Li<sup>a</sup>, Zhongbing Huang<sup>a</sup>, Zhigao Lan<sup>b</sup>, Wanping Chen<sup>c</sup>, Haoshuang Gu<sup>a, \*</sup>

<sup>a</sup>Hubei Key Laboratory of Ferro & Piezoelectric Materials and Devices - Hubei Collaborative Innovation Center for Advanced Organic Chemical Materials, Faculty of Physics and Electronic Sciences, Hubei University, Wuhan 430062, P.R. China.

<sup>b</sup>School of Electronic Information, Huanggang Normal University, Huanggang 438000, P.R. China.

<sup>c</sup>School of Physics and Technology, Wuhan University, Wuhan 430072, PR China

\*Corresponding author: Tel.: +86 27 8866 1681; fax: +86 27 8866 3390.

E-mail address: wangzhao@hubu.edu.cn (Z. Wang), guhsh@hubu.edu.cn (H. Gu).

Download English Version:

<https://daneshyari.com/en/article/7140695>

Download Persian Version:

<https://daneshyari.com/article/7140695>

[Daneshyari.com](https://daneshyari.com)